

## LFPH 006 OTHER SHADES

Technical Data Sheet

### WATER-BASED THERMOSETTING EPOXY PHENOLIC PAINT

#### Approvals and conformities

LIEBHERR AEROSPACE

MFT0502 (WB411 + LFPH006 Noir)

LFPH 006 OTHER SHADES is an anti-corrosion and thermal protection paint for aerospace (heat exchangers).

#### Benefits:

- Excellent corrosion resistance
- Very good resistance to aircraft fluids
- Good heat resistance

#### USES

**Note:** Cr III surface treatment recommended.

Substrate	Preparation
Aluminium	Deoxydation (Socosurf A1858/A1806) or Conversion Coating (Socosurf TCS/ SOCOSURF PACS) or Primer (Socoglaze Primer WB411)

#### Please, consult us regarding SOCOMORE solutions for:

- Surface preparation (SOCOCLEAN, DIESTONE & DS ranges),
- Functionalized coatings (SOCOGLAZE, AEROGLAZE, CHEMGLAZE, PRIAM, LBYH ranges),
- Surface treatment (SOCOCLEAN & SOCOSURF ranges),
- Adhesion promotion (SOCOGEL & PREKOTE ranges)
- Chemical stripping (SOCOSTRIP & SPC ranges).
- Non destructive testing products & services (BABBCO range)

**SOCOMORE** The Surface Company



#### DIRECTIONS FOR USE

##### Preparation & Application

During application, the following requirements must be adhered to:

- $15^{\circ}\text{C} < T^{\circ} < 30^{\circ}\text{C}$
- $30\% < \text{Hy} < 70\%$

1 - PNEUMATIC SPRAYING <i>Viscosity 20 s +/- 3 AFNOR 4</i>		Weight	Tol +/-
Base	LFPH 006 OTHER SHADES	100	

*Table: Application method determines thinner ratio. Viscosity measurements provided are intended to be guidelines only and not parameters for quality control. Verified information is provided in certification documents, which are available from the technical department on request.*

**Note:** Agitate well before application. The product is "ready to use".

### Cleaning application equipment

- Wet paint: clean with water or DL 711 thinner
- Dried paint : clean with DL 711 thinner

STOVING	
Characteristic	Value
Flash off	00:30 hour
Drying time	01:00 hour
Oven temperature	210 °C recommended 180-210 °C*

\*Depending on customer requirements.

## TECHNICAL CHARACTERISTICS

Technical Data - Product Ready For Use	
Characteristic	Value
Weight solids	42 % +/-2
Volume solids	34 % +/-2
Recommended wet film thickness	50 µm +/- 15
Recommended dry film thickness	15 µm +/-5
Theoretical coverage	20 m <sup>2</sup> /Kg for 15 µm
Shade	Specified in item description
Appearance	Satin

*Data for mixture n°1*

Other Data		
Characteristic	Value	Note
VOC	Depending on the shade	
Salt Spray*	500h	Under 10-15µm NF EN ISO 9227
Adhesion	G0	Under 10-15µm
Engine oil resistance	24h	Synthetic ester based oil, immersion 150°C
SKYDROL resistance	24h	Immersion 70 ° C

*\*On 5XXX and 7XXX alloys with conversion coating.*

## PRECAUTIONS FOR USE AND STORAGE

### Storage

12 months between 5°C and 35°C in original, unopened packaging. KEEP AWAY FROM FROST.

Shelf life after opening: 3 months (max).

For more information regarding the danger of the product, please consult the product safety data sheet according to local regulation.

For professional use only.

**This technical data sheet replaces and cancels the previous one.**

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